

COMPLETE LISTING OF ALL CLAIMS IN THE APPLICATION

1-3. (canceled)

4. (currently amended) A protein whose sequence differs from that set forth in SEQ ID

~~NO: 2 in that one or more of the following amino acid substitutions are present:~~
~~lysine at position 7 is replaced by valine, asparate at position 52 is replaced by~~
~~histidine, leucine at position 133 replaced by isoleucine, aspartate at position~~
~~186 replaced by histidine, alanine at position 193 replaced by valine, or histidine~~
~~at position 196 replaced by glutamine; wherein said protein has the activity of a~~
~~phosphoribosyl-pyrophosphate synthetase.~~

5-29. (canceled)